MASS. HS30.1803:997

# Massachusetts Childhood Lead Poisoning Prevention Program

UMASS/AMHERST
312066 0362 8856 0

Needs Assessment Statistics
Fiscal Year 1997

The following tables present childhood lead poisoning information which is relevant to assessing the need for treatment and prevention services at the following geographic levels within the Commonwealth of Massachusetts:


- Communities (pages 1-12)
- Community Health Network Areas (CHNA) (pages 13-14)
- Regions (page 15)


GOVERNMENT DOCUMENTS COLLECTION
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A key is provided to explain the data contained in each of the columns.

**COMMUNITY** Cities and towns in Massachusetts listed alphabetically

**CHNA** Lists the Community Health Network Area (CHNA) to which the city/town belongs. The 1997 Executive Office of Health and Human Services (EOHHS) boundaries have been used, which may not conform to the ones used in previous fiscal year reports.

**REGION** Lists the six Massachusetts regions defined by the 1997 EOHHS boundaries. Statistics at this geographic level are on the last page.

**CHILDREN [9-48] MONTHS** Total number of children 9 months to 48 months of age for whom universal screening is mandatory.

**Pop.** Number of children 9 months to 48 months of age according to 1995 Strategic Mapping Inc. population estimates.

**Screened** Number of children[1] 9 months to 48 months of age who were screened for lead poisoning between July 1, 1996 and June 30, 1997.

**(%)** Percent of children 9 months to 48 months of age who were screened for lead poisoning between July 1, 1996 and June 30, 1997. This may exceed 100% when the 1995 population estimate underestimates the current population.

| | |
|---|---|
| **CHILDREN [6-72] MONTHS** | Total number of children 6 months to 6 years of age for whom incidence and incidence rates are being calculated. |
| **Pop.** | Number of children 6 months to 72 months of age according to 1995 Strategic Mapping Inc. population estimates. |
| **Screened** | Number of children[1] 6 months to 72 months of age who were screened for lead poisoning between July 1, 1996 and June 30, 1997. |
| **(%)** | Percent of children 6 months to 72 months of age who were screened for lead poisoning between July 1, 1996 and June 30, 1997. This may exceed 100% when the 1995 population estimate underestimates the current population. |
| **ELEVATED LEVELS** | Elevated blood lead levels of children[1] 6 months to 6 years of age, confirmed by venous testing for which incidence and incidence rates are being calculated. |
| 20-24 | Number of children confirmed for the first time with elevated blood lead levels between 20 and 24 mcg/dL from July 1, 1996 through June 30, 1997. |
| $\geq$ 25 | Number of children confirmed for the first time with blood lead levels $\geq$ 25 mcg/dL from July 1, 1996 through June 30, 1997. The Massachusetts regulatory threshold for lead poisoning is 25 mcg/dL or above. |
| Total $\geq$ 20 | Number of children confirmed for the first time with elevated blood lead levels $\geq$ 20 mcg/dL from July 1, 1996 through June 30, 1997. This elevated blood lead level range has been used to calculate incidence rates. |
| Inc. Rate x1000 | Number of newly identified children with confirmed elevated blood lead levels ($\geq$ 20 mcg/dL) per one thousand children screened between July 1, 1996 and June 30, 1997. |
| %Old Houses | The percentage of all housing units that were built before 1950 according to 1990 Census. |

[1] Includes MA children screened for lead by the RI state laboratory. Two of the [illegible] children were [illegible] identified with elevated levels.

# Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COMMUNITY | | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 01 | ABINGTON | 22 | 682 | 578 | 85% | 1,120 | 737 | 66% | 0 | 0 | 0 | 0.0 | 45% |
| 02 | ACTON | 15 | 788 | 458 | 58% | 1,294 | 582 | 45% | 0 | 0 | 0 | 0.0 | 15% |
| 03 | ACUSHNET | 26 | 376 | 237 | 63% | 617 | 328 | 53% | 1 | 0 | 1 | 3.0 | 32% |
| 04 | ADAMS | 1 | 365 | 314 | 86% | 598 | 420 | 70% | 0 | 3 | 3 | 7.1 | 69% |
| 05 | AGAWAM | 4 | 1,096 | 579 | 53% | 1,799 | 722 | 40% | 0 | 0 | 0 | 0.0 | 23% |
| 06 | ALFORD | 1 | 23 | 4 | 17% | 39 | 4 | 10% | 0 | 0 | 0 | 0.0 | 38% |
| 07 | AMESBURY | 12 | 905 | 366 | 40% | 1,485 | 511 | 34% | 5 | 0 | 5 | 9.8 | 51% |
| 08 | AMHERST | 3 | 709 | 278 | 39% | 1,163 | 370 | 32% | 0 | 0 | 0 | 0.0 | 27% |
| 09 | ANDOVER | 11 | 1,371 | 929 | 68% | 2,249 | 1,235 | 55% | 0 | 0 | 0 | 0.0 | 33% |
| 10 | ARLINGTON | 17 | 1,612 | 1,093 | 68% | 2,644 | 1,375 | 52% | 2 | 2 | 4 | 2.9 | 62% |
| 11 | ASHBURNHAM | 9 | 324 | 127 | 39% | 533 | 164 | 31% | 2 | 0 | 2 | 12.2 | 42% |
| 12 | ASHBY | 9 | 159 | 59 | 37% | 263 | 74 | 28% | 0 | 0 | 0 | 0.0 | 45% |
| 13 | ASHFIELD | 2 | 85 | 43 | 51% | 139 | 51 | 37% | 1 | 0 | 1 | 19.6 | 56% |
| 14 | ASHLAND | 7 | 617 | 423 | 69% | 1,013 | 491 | 48% | 0 | 1 | 1 | 2.0 | 21% |
| 15 | ATHOL | 2 | 656 | 201 | 31% | 1,076 | 317 | 29% | 2 | 0 | 2 | 6.3 | 62% |
| 16 | ATTLEBOROUGH | 24 | 2,168 | 1,496 | 69% | 3,556 | 1,945 | 55% | 3 | 2 | 5 | 2.6 | 42% |
| 17 | AUBURN | 8 | 617 | 361 | 59% | 1,013 | 478 | 47% | 0 | 1 | 1 | 2.1 | 37% |
| 18 | AVON | 22 | 195 | 142 | 73% | 320 | 170 | 53% | 0 | 0 | 0 | 0.0 | 33% |
| 19 | AYER | 9 | 355 | 199 | 56% | 581 | 237 | 41% | 1 | 0 | 1 | 4.2 | 50% |
| 20 | BARNSTABLE | 27 | 1,913 | 970 | 51% | 3,138 | 1,229 | 39% | 1 | 0 | 1 | 0.8 | 19% |
| 21 | BARRE | 9 | 288 | 124 | 43% | 473 | 168 | 36% | 1 | 1 | 2 | 11.9 | 52% |
| 22 | BECKET | 1 | 78 | 33 | 42% | 128 | 41 | 32% | 0 | 0 | 0 | 0.0 | 22% |
| 23 | BEDFORD | 15 | 482 | 426 | 88% | 792 | 545 | 69% | 0 | 0 | 0 | 0.0 | 19% |
| 24 | BELCHERTOWN | 3 | 634 | 216 | 34% | 1,040 | 301 | 29% | 0 | 0 | 0 | 0.0 | 20% |
| 25 | BELLINGHAM | 6 | 837 | 469 | 56% | 1,372 | 539 | 39% | 0 | 0 | 0 | 0.0 | 19% |
| 26 | BELMONT | 17 | 873 | 568 | 65% | 1,433 | 752 | 52% | 0 | 0 | 0 | 0.0 | 75% |
| 27 | BERKLEY | 24 | 313 | 207 | 66% | 513 | 273 | 53% | 0 | 0 | 0 | 0.0 | 25% |
| 28 | BERLIN | 9 | 113 | 66 | 58% | 187 | 86 | 46% | 0 | 0 | 0 | 0.0 | 42% |
| 29 | BERNARDSTON | 2 | 100 | 38 | 38% | 164 | 48 | 29% | 0 | 0 | 0 | 0.0 | 41% |
| | BEVERLY | 13 | 1,765 | 1,536 | 87% | 2,895 | 1,862 | 64% | 2 | 1 | 3 | 1.6 | 51% |

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | COMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 31 | BILLERICA | 10 | 1,903 | 1,126 | 59% | 3,121 | 1,517 | 49% | 2 | 1 | 3 | 2.0 | 25% |
| 32 | BLACKSTONE | 6 | 478 | 232 | 49% | 784 | 286 | 36% | 1 | 0 | 1 | 3.5 | 41% |
| 33 | BLANDFORD | 4 | 52 | 31 | 60% | 85 | 35 | 41% | 0 | 0 | 0 | 0.0 | 47% |
| 34 | BOLTON | 9 | 165 | 100 | 61% | 271 | 124 | 46% | 0 | 0 | 0 | 0.0 | 25% |
| 35 | BOSTON | 19 | 22,472 | 20,143 | 90% | 36,861 | 27,781 | 75% | 101 | 73 | 174 | 6.3 | 67% |
| 36 | BOURNE | 27 | 895 | 453 | 51% | 1,468 | 592 | 40% | 0 | 0 | 0 | 0.0 | 28% |
| 37 | BOXBOROUGH | 15 | 149 | 120 | 81% | 246 | 152 | 62% | 0 | 0 | 0 | 0.0 | 7% |
| 38 | BOXFORD | 12 | 320 | 290 | 91% | 524 | 367 | 70% | 0 | 0 | 0 | 0.0 | 14% |
| 39 | BOYLSTON | 8 | 168 | 105 | 63% | 275 | 138 | 50% | 0 | 0 | 0 | 0.0 | 26% |
| 40 | BRAINTREE | 20 | 1,314 | 936 | 71% | 2,155 | 1,181 | 55% | 1 | 1 | 2 | 1.7 | 47% |
| 41 | BREWSTER | 27 | 417 | 45 | 11% | 686 | 72 | 10% | 0 | 0 | 0 | 0.0 | 12% |
| 42 | BRIDGEWATER | 22 | 889 | 746 | 84% | 1,457 | 957 | 66% | 0 | 0 | 0 | 0.0 | 29% |
| 43 | BRIMFIELD | 5 | 165 | 78 | 47% | 271 | 131 | 48% | 1 | 0 | 1 | 7.6 | 22% |
| 44 | BROCKTON | 22 | 5,030 | 3,526 | 70% | 8,252 | 4,831 | 59% | 27 | 12 | 39 | 8.1 | 46% |
| 45 | BROOKFIELD | 5 | 181 | 64 | 35% | 298 | 102 | 34% | 0 | 0 | 0 | 0.0 | 43% |
| [illegible] | BROOKLINE | 19 | 1,645 | 938 | 57% | 2,700 | 1,238 | 46% | 2 | 1 | 3 | 2.4 | 67% |
| [illegible] | BUCKLAND | 2 | 97 | 9 | 9% | 159 | 11 | 7% | 0 | 0 | 0 | 0.0 | 62% |
| [illegible] | BURLINGTON | 15 | 940 | 580 | 62% | 1,542 | 731 | 47% | 0 | 0 | 0 | 0.0 | 8% |
| [illegible] | CAMBRIDGE | 17 | 2,954 | 2,104 | 71% | 4,846 | 2,845 | 59% | 8 | 6 | 14 | 4.9 | 71% |
| | CANTON | 20 | 773 | 563 | 73% | 1,269 | 705 | 56% | 0 | 0 | 0 | 0.0 | 27% |
| | CARLISLE | 15 | 226 | 102 | 45% | 371 | 134 | 36% | 0 | 0 | 0 | 0.0 | 16% |
| | CARVER | 23 | 630 | 304 | 48% | 1,034 | 397 | 38% | 0 | 0 | 0 | 0.0 | 12% |
| | CHARLEMONT | 2 | 58 | 33 | 57% | 96 | 38 | 40% | 0 | 0 | 0 | 0.0 | 49% |
| | CHARLTON | 5 | 717 | 325 | 45% | 1,176 | 461 | 39% | 0 | 0 | 0 | 0.0 | 18% |
| | CHATHAM | 27 | 161 | 41 | 25% | 265 | 56 | 21% | 1 | 1 | 2 | 35.7 | 25% |
| | CHELMSFORD | 10 | 1,435 | 615 | 43% | 2,355 | 818 | 35% | 0 | 0 | 0 | 0.0 | 20% |
| | CHELSEA | 19 | 1,519 | 1,820 | 120% | 2,491 | 2,663 | 107% | 6 | 4 | 10 | 3.8 | 64% |
| | CHESHIRE | 1 | 151 | 114 | 75% | 248 | 148 | 60% | 0 | 0 | 0 | 0.0 | 41% |
| | CHESTER | 3.21 | 68 | 57 | 84% | 113 | 73 | 65% | 0 | 0 | 0 | 0.0 | 66% |
| | CHESTERFIELD | 3 | 48 | 20 | 42% | 80 | 25 | 31% | 0 | 0 | 0 | 0.0 | 47% |

# Massachusetts Lead Poisoning Needs Assessment by Community

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 1 | CHICOPEE | 321 | 2,367 | 979 | 41% | 3,883 | 1,379 | 36% | 2 | 0 | 2 | 1.5 | 44% |
| 2 | CHILMARK | 27 | 30 | 6 | 20% | 49 | 9 | 18% | 0 | 0 | 0 | 0.0 | 31% |
| 3 | CLARKSBURG | 1 | 58 | 45 | 78% | 95 | 60 | 63% | 0 | 0 | 0 | 0.0 | 55% |
| 4 | CLINTON | 9 | 669 | 409 | 61% | 1,098 | 548 | 50% | 3 | 0 | 3 | 5.5 | 57% |
| 5 | COHASSET | 20 | 304 | 241 | 79% | 500 | 295 | 59% | 0 | 0 | 0 | 0.0 | 53% |
| 6 | COLRAIN | 2 | 97 | 44 | 45% | 158 | 56 | 35% | 0 | 0 | 0 | 0.0 | 52% |
| 7 | CONCORD | 15 | 640 | 462 | 72% | 1,052 | 590 | 56% | 0 | 0 | 0 | 0.0 | 39% |
| 8 | CONWAY | 2 | 81 | 36 | 44% | 134 | 42 | 31% | 0 | 0 | 0 | 0.0 | 46% |
| 9 | CUMMINGTON | 3 | 38 | 24 | 63% | 63 | 35 | 56% | 0 | 0 | 0 | 0.0 | 58% |
| 0 | DALTON | 1 | 318 | 268 | 84% | 522 | 322 | 62% | 1 | 0 | 1 | 3.1 | 49% |
| | DANVERS | 14 | 1,005 | 861 | 86% | 1,648 | 1,066 | 65% | 0 | 0 | 0 | 0.0 | 38% |
| 2 | DARTMOUTH | 26 | 921 | 719 | 78% | 1,511 | 962 | 64% | 0 | 0 | 0 | 0.0 | 30% |
| 3 | DEDHAM | 18 | 983 | 579 | 59% | 1,612 | 731 | 45% | 1 | 2 | 3 | 4.1 | 51% |
| 4 | DEERFIELD | 2 | 185 | 100 | 54% | 302 | 113 | 37% | 0 | 0 | 0 | 0.0 | 42% |
| 5 | DENNIS | 27 | 544 | 93 | 17% | 892 | 121 | 14% | 0 | 0 | 0 | 0.0 | 20% |
| | DIGHTON | 24 | 258 | 179 | 69% | 424 | 232 | 55% | 0 | 0 | 0 | 0.0 | 39% |
| 7 | DOUGLAS | 6 | 376 | 159 | 42% | 617 | 195 | 32% | 0 | 1 | 1 | 5.1 | 34% |
| 8 | DOVER | 18 | 226 | 221 | 98% | 372 | 259 | 70% | 1 | 0 | 1 | 3.9 | 26% |
| 9 | DRACUT | 10 | 1,364 | 642 | 47% | 2,238 | 906 | 40% | 0 | 1 | 1 | 1.1 | 21% |
| 0 | DUDLEY | 5 | 427 | 198 | 46% | 702 | 261 | 37% | 0 | 0 | 0 | 0.0 | 36% |
| | DUNSTABLE | 10 | 136 | 53 | 39% | 224 | 68 | 30% | 0 | 0 | 0 | 0.0 | 22% |
| 2 | DUXBURY | 23 | 599 | 427 | 71% | 983 | 521 | 53% | 0 | 0 | 0 | 0.0 | 30% |
| 3 | EAST BRIDGEWATER | 22 | 559 | 456 | 82% | 917 | 575 | 63% | 0 | 0 | 0 | 0.0 | 36% |
| 4 | EAST BROOKFIELD | 5 | 100 | 46 | 46% | 163 | 63 | 39% | 0 | 0 | 0 | 0.0 | 44% |
| | EAST LONGMEADOW | 4 | 556 | 326 | 59% | 912 | 427 | 47% | 0 | 0 | 0 | 0.0 | 23% |
| | EASTHAM | 27 | 197 | 14 | 7% | 322 | 23 | 7% | 0 | 0 | 0 | 0.0 | 16% |
| | EASTHAMPTON | 3 | 689 | 431 | 63% | 1,130 | 564 | 50% | 0 | 0 | 0 | 0.0 | 48% |
| | EASTON | 22 | 870 | 718 | 83% | 1,428 | 897 | 63% | 1 | 1 | 2 | 2.2 | 24% |
| | EDGARTOWN | 27 | 152 | 17 | 11% | 248 | 34 | 14% | 0 | 0 | 0 | 0.0 | 26% |
| | EGREMONT | 1 | 46 | 17 | 37% | 76 | 24 | 32% | 0 | 0 | 0 | 0.0 | 39% |

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| ERVING | 2 | 55 | 19 | 35% | 89 | 22 | 25% | 0 | 0 | 0 | 0.0 | 53% |
| ESSEX | 13 | 142 | 138 | 97% | 232 | 174 | 75% | 0 | 0 | 0 | 0.0 | 43% |
| EVERETT | 16 | 1,494 | 1,096 | 73% | 2,450 | 1,543 | 63% | 3 | 2 | 5 | 3.2 | 76% |
| FAIRHAVEN | 26 | 639 | 389 | 61% | 1,048 | 537 | 51% | 1 | 0 | 1 | 1.9 | 52% |
| FALL RIVER | 25 | 4,605 | 3,083 | 67% | 7,553 | 4,398 | 58% | 7 | 1 | 8 | 1.8 | 66% |
| FALMOUTH | 27 | 1,293 | 877 | 68% | 2,120 | 1,077 | 51% | 1 | 0 | 1 | 0.9 | 22% |
| FITCHBURG | 9 | 2,030 | 1,088 | 54% | 3,329 | 1,468 | 44% | 6 | 5 | 11 | 7.5 | 62% |
| FLORIDA | 1 | 42 | 18 | 43% | 69 | 24 | 35% | 0 | 0 | 0 | 0.0 | 29% |
| FOXBOROUGH | 7 | 685 | 568 | 83% | 1,126 | 751 | 67% | 1 | 0 | 1 | 1.3 | 26% |
| FRAMINGHAM | 7 | 2,534 | 1,612 | 64% | 4,156 | 2,015 | 48% | 3 | 2 | 5 | 2.5 | 26% |
| FRANKLIN | 6 | 1,381 | 1,264 | 92% | 2,265 | 1,553 | 69% | 0 | 0 | 0 | 0.0 | 27% |
| FREETOWN | 26 | 324 | 251 | 77% | 533 | 332 | 62% | 2 | 0 | 2 | 6.0 | 26% |
| GARDNER | 9 | 1,025 | 523 | 51% | 1,681 | 738 | 44% | 0 | 0 | 0 | 0.0 | 58% |
| GAY HEAD | 27 | 10 | 3 | 30% | 16 | 6 | 38% | 0 | 0 | 0 | 0.0 | 22% |
| GEORGETOWN | 12 | 346 | 252 | 73% | 567 | 331 | 58% | 0 | 0 | 0 | 0.0 | 25% |
| GILL | 2 | 68 | 30 | 44% | 113 | 36 | 32% | 0 | 0 | 0 | 0.0 | 50% |
| GLOUCESTER | 13 | 1,256 | 1,145 | 91% | 2,061 | 1,389 | 67% | 3 | 0 | 3 | 2.2 | 64% |
| GOSHEN | 3 | 45 | 14 | 31% | 74 | 15 | 20% | 0 | 0 | 0 | 0.0 | 37% |
| GOSNOLD | 27 | 3 | 3 | 100% | 6 | 4 | 67% | 0 | 0 | 0 | 0.0 | 84% |
| GRAFTON | 8 | 611 | 405 | 66% | 1,002 | 494 | 49% | 0 | 0 | 0 | 0.0 | 33% |
| GRANBY | 3 | 268 | 90 | 34% | 439 | 112 | 26% | 0 | 0 | 0 | 0.0 | 23% |
| GRANVILLE | 4 | 77 | 34 | 44% | 126 | 38 | 30% | 0 | 0 | 0 | 0.0 | 42% |
| GREAT BARRINGTON | 1 | 291 | 174 | 60% | 478 | 210 | 44% | 2 | 1 | 3 | 14.3 | 61% |
| GREENFIELD | 2 | 838 | 449 | 54% | 1,375 | 553 | 40% | 1 | 1 | 2 | 3.6 | 59% |
| GROTON | 9 | 456 | 246 | 54% | 747 | 296 | 40% | 0 | 0 | 0 | 0.0 | 34% |
| GROVELAND | 12 | 288 | 175 | 61% | 473 | 231 | 49% | 0 | 0 | 0 | 0.0 | 36% |
| HADLEY | 3 | 151 | 92 | 61% | 248 | 122 | 49% | 0 | 0 | 0 | 0.0 | 34% |
| HALIFAX | 23 | 346 | 271 | 78% | 568 | 332 | 58% | 0 | 0 | 0 | 0.0 | 17% |
| HAMILTON | 13 | 349 | 338 | 97% | 573 | 416 | 73% | 0 | 0 | 0 | 0.0 | 39% |
| HAMPDEN | 4 | 161 | 91 | 57% | 265 | 125 | 47% | 0 | 0 | 0 | 0.0 | 24% |

# Massachusetts Lead Poisoning Needs Assessment by Community

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| . HANCOCK | 1 | 33 | 11 | 33% | 55 | 14 | 25% | 0 | 0 | 0 | 0.0 | 28% |
| 2 HANOVER | 23 | 584 | 426 | 73% | 957 | 554 | 58% | 1 | 0 | 1 | 1.8 | 20% |
| 3 HANSON | 23 | 466 | 399 | 86% | 765 | 501 | 65% | 0 | 0 | 0 | 0.0 | 28% |
| 4 HARDWICK | 9 | 133 | 32 | 24% | 219 | 52 | 24% | 0 | 0 | 0 | 0.0 | 66% |
| 5 HARVARD | 9 | 727 | 108 | 15% | 1,193 | 134 | 11% | 0 | 1 | 1 | 7.5 | 25% |
| 6 HARWICH | 27 | 414 | 77 | 19% | 679 | 105 | 15% | 0 | 0 | 0 | 0.0 | 22% |
| 7 HATFIELD | 3 | 113 | 77 | 68% | 186 | 100 | 54% | 0 | 0 | 0 | 0.0 | 47% |
| 8 HAVERHILL | 12 | 2,908 | 1,782 | 61% | 4,770 | 2,442 | 51% | 12 | 8 | 20 | 8.2 | 55% |
| 9 HAWLEY | 2 | 15 | 4 | 27% | 24 | 4 | 17% | 0 | 0 | 0 | 0.0 | 43% |
| 0 HEATH | 2 | 35 | 8 | 23% | 58 | 10 | 17% | 0 | 0 | 0 | 0.0 | 25% |
| 1 HINGHAM | 20 | 810 | 641 | 79% | 1,329 | 800 | 60% | 1 | 0 | 1 | 1.3 | 45% |
| 2 HINSDALE | 1 | 83 | 74 | 89% | 136 | 95 | 70% | 0 | 0 | 0 | 0.0 | 41% |
| 3 HOLBROOK | 22 | 488 | 310 | 64% | 800 | 397 | 50% | 0 | 1 | 1 | 2.5 | 32% |
| 4 HOLDEN | 8 | 702 | 309 | 44% | 1,152 | 391 | 34% | 1 | 0 | 1 | 2.6 | 30% |
| 5 HOLLAND | 5 | 151 | 51 | 34% | 248 | 80 | 32% | 0 | 0 | 0 | 0.0 | 18% |
| 6 HOLLISTON | 7 | 605 | 408 | 67% | 994 | 482 | 48% | 0 | 0 | 0 | 0.0 | 23% |
| 7 HOLYOKE | 3.21 | 2,515 | 1,651 | 66% | 4,126 | 2,475 | 60% | 16 | 12 | 28 | 11.3 | 53% |
| 8 HOPEDALE | -6 | 326 | 176 | 54% | 535 | 201 | 38% | 0 | 0 | 0 | 0.0 | 53% |
| 9 HOPKINTON | 7 | 586 | 509 | 87% | 961 | 600 | 62% | 0 | 0 | 0 | 0.0 | 25% |
| 0 HUBBARDSTON | 9 | 195 | 134 | 69% | 320 | 186 | 58% | 0 | 0 | 0 | 0.0 | 31% |
| 1 HUDSON | 7 | 825 | 501 | 61% | 1,354 | 639 | 47% | 0 | 0 | 0 | 0.0 | 34% |
| 2 HULL | 20 | 521 | 364 | 70% | 855 | 480 | 56% | 0 | 0 | 0 | 0.0 | 59% |
| 3 HUNTINGTON | 3.21 | 113 | 74 | 65% | 186 | 105 | 56% | 0 | 0 | 0 | 0.0 | 47% |
| 4 IPSWICH | 13 | 524 | 454 | 87% | 859 | 562 | 65% | 1 | 0 | 1 | 1.8 | 43% |
| 5 KINGSTON | 23 | 504 | 441 | 88% | 826 | 528 | 64% | 1 | 0 | 1 | 1.9 | 40% |
| 6 LAKEVILLE | 24 | 431 | 336 | 78% | 707 | 414 | 59% | 0 | 0 | 0 | 0.0 | 25% |
| 7 LANCASTER | 9 | 271 | 125 | 46% | 445 | 188 | 42% | 0 | 1 | 1 | 5.3 | 41% |
| 8 LANESBOROUGH | 1 | 126 | 81 | 64% | 208 | 97 | 47% | 0 | 0 | 0 | 0.0 | 40% |
| 9 LAWRENCE | 11 | 4,363 | 2,696 | 62% | 7,157 | 4,235 | 59% | 36 | 35 | 71 | 16.8 | 58% |
| LEE | 1 | 233 | 184 | 79% | 382 | 228 | 60% | 0 | 1 | 1 | 4.4 | 50% |

# Massachusetts Lead Poisoning Needs Assessment by Community

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | COMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 51 | LEICESTER | 8 | 484 | 210 | 43% | 794 | 287 | 36% | 0 | 0 | 0 | 0.0 | 36% |
| 52 | LENOX | 1 | 200 | 129 | 65% | 328 | 151 | 46% | 0 | 0 | 0 | 0.0 | 33% |
| 53 | LEOMINSTER | 9 | 2,013 | 1,381 | 69% | 3,301 | 1,688 | 51% | 4 | 0 | 4 | 2.4 | 37% |
| 54 | LEVERETT | 2 | 67 | 15 | 22% | 110 | 17 | 15% | 0 | 0 | 0 | 0.0 | 31% |
| 55 | LEXINGTON | 15 | 1,038 | 711 | 68% | 1,702 | 990 | 58% | 0 | 1 | 1 | 1.0 | 35% |
| 56 | LEYDEN | 2 | 35 | 4 | 11% | 58 | 5 | 9% | 0 | 0 | 0 | 0.0 | 26% |
| 57 | LINCOLN | 15 | 527 | 138 | 26% | 865 | 180 | 21% | 0 | 0 | 0 | 0.0 | 20% |
| [illegible] | LITTLETON | 15 | 324 | 215 | 66% | 531 | 265 | 50% | 0 | 1 | 1 | 3.8 | 28% |
| [illegible] | LONGMEADOW | 4 | 540 | 406 | 75% | 887 | 539 | 61% | 1 | 0 | 1 | 1.9 | 35% |
| [illegible] | LOWELL | 10 | 5,692 | 3,477 | 61% | 9,338 | 5,154 | 55% | 21 | 14 | 35 | 6.8 | 53% |
| | LUDLOW | 3.21 | 753 | 372 | 49% | 1,236 | 517 | 42% | 0 | 0 | 0 | 0.0 | 31% |
| [illegible] | LUNENBURG | 9 | 414 | 236 | 57% | 679 | 306 | 45% | 0 | 0 | 0 | 0.0 | 33% |
| [illegible] | LYNN | 14 | 4,209 | 3,950 | 94% | 6,904 | 5,599 | 81% | 15 | 10 | 25 | 4.5 | 66% |
| [illegible] | LYNNFIELD | 14 | 404 | 302 | 75% | 663 | 400 | 60% | 0 | 0 | 0 | 0.0 | 25% |
| [illegible] | MALDEN | 16 | 2,346 | 1,497 | 64% | 3,847 | 2,124 | 55% | 5 | 2 | 7 | 3.3 | 59% |
| | MANCHESTER | 13 | 217 | 253 | 117% | 356 | 325 | 91% | 1 | 0 | 1 | 3.1 | 52% |
| | MANSFIELD | 24 | 1,073 | 1,152 | 107% | 1,760 | 1,443 | 82% | 1 | 0 | 1 | 0.7 | 30% |
| | MARBLEHEAD | 14 | 785 | 835 | 106% | 1,288 | 1,073 | 83% | 0 | 1 | 1 | 0.9 | 56% |
| | MARION | 26 | 181 | 147 | 81% | 298 | 193 | 65% | 2 | 0 | 2 | 10.4 | 43% |
| | MARLBOROUGH | 7 | 1,644 | 1,065 | 65% | 2,695 | 1,310 | 49% | 3 | 3 | 6 | 4.6 | 32% |
| | MARSHFIELD | 23 | 1,158 | 888 | 77% | 1,899 | 1,133 | 60% | 0 | 0 | 0 | 0.0 | 25% |
| | MASHPEE | 27 | 579 | 339 | 59% | 950 | 456 | 48% | 1 | 0 | 1 | 2.2 | 5% |
| | MATTAPOISETT | 26 | 230 | 159 | 69% | 376 | 203 | 54% | 0 | 0 | 0 | 0.0 | 35% |
| | MAYNARD | 7 | 514 | 294 | 57% | 843 | 372 | 44% | 0 | 0 | 0 | 0.0 | 46% |
| | MEDFIELD | 7 | 557 | 462 | 83% | 915 | 600 | 66% | 0 | 0 | 0 | 0.0 | 18% |
| | MEDFORD | 16 | 2,068 | 1,428 | 69% | 3,392 | 1,968 | 58% | 6 | 4 | 10 | 5.1 | 71% |
| | MEDWAY | 6 | 597 | 386 | 65% | 980 | 483 | 49% | 0 | 0 | 0 | 0.0 | 34% |
| | MELROSE | 16 | 1,076 | 719 | 67% | 1,766 | 941 | 53% | 1 | 1 | 2 | 2.1 | 67% |
| | MENDON | 6 | 226 | 153 | 68% | 372 | 169 | 45% | 0 | 1 | 1 | 5.9 | 31% |
| | MERRIMAC | 12 | 278 | 139 | 50% | 455 | 186 | 41% | 1 | 1 | 2 | 10.8 | 48% |

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 51 | METHUEN | 11 | 1,936 | 701 | 36% | 3,177 | 1,004 | 32% | 3 | 2 | 5 | 5.0 | 38% |
| 52 | MIDDLEBOROUGH | 24 | 1,000 | 682 | 68% | 1,641 | 870 | 53% | 3 | 1 | 4 | 4.6 | 41% |
| 53 | MIDDLEFIELD | 3 | 15 | 12 | 80% | 24 | 15 | 63% | 0 | 0 | 0 | 0.0 | 47% |
| 54 | MIDDLETON | 11 | 251 | 215 | 86% | 412 | 266 | 65% | 0 | 0 | 0 | 0.0 | 26% |
| 55 | MILFORD | 6 | 1,253 | 807 | 64% | 2,055 | 962 | 47% | 1 | 1 | 2 | 2.1 | 38% |
| 56 | MILLBURY | 8 | 534 | 310 | 58% | 876 | 401 | 46% | 1 | 1 | 2 | 5.0 | 40% |
| 57 | MILLIS | 7 | 462 | 270 | 58% | 759 | 339 | 45% | 0 | 0 | 0 | 0.0 | 22% |
| 58 | MILLVILLE | 6 | 138 | 84 | 61% | 226 | 102 | 45% | 0 | 0 | 0 | 0.0 | 50% |
| 59 | MILTON | 20 | 1,163 | 594 | 51% | 1,907 | 741 | 39% | 2 | 1 | 3 | 4.0 | 67% |
| 60 | MONROE | 2 | 3 | 0 | 0% | 6 | 1 | 17% | 0 | 0 | 0 | 0.0 | 66% |
| 61 | MONSON | 4 | 355 | 149 | 42% | 581 | 200 | 34% | 0 | 1 | 1 | 5.0 | 35% |
| 62 | MONTAGUE | 2 | 433 | 215 | 50% | 710 | 264 | 37% | 1 | 0 | 1 | 3.8 | 60% |
| 63 | MONTEREY | 1 | 32 | 13 | 41% | 52 | 17 | 33% | 0 | 0 | 0 | 0.0 | 45% |
| 64 | MONTGOMERY | 4 | 30 | 15 | 50% | 49 | 17 | 35% | 0 | 0 | 0 | 0.0 | 21% |
| 65 | MOUNT WASHINGTON | 1 | 3 | 2 | 67% | 6 | 2 | 33% | 0 | 0 | 0 | 0.0 | 50% |
| 66 | NAHANT | 14 | 155 | 123 | 79% | 254 | 172 | 68% | 0 | 0 | 0 | 0.0 | 60% |
| 67 | NANTUCKET | 27 | 323 | 124 | 38% | 529 | 178 | 34% | 0 | 0 | 0 | 0.0 | 35% |
| 68 | NATICK | 67 | 1,277 | 864 | 68% | 2,096 | 1,074 | 51% | 0 | 0 | 0 | 0.0 | 42% |
| 69 | NEEDHAM | 18 | 1,193 | 982 | 82% | 1,957 | 1,136 | 58% | 0 | 0 | 0 | 0.0 | 42% |
| 70 | NEW ASHFORD | 1 | 10 | 4 | 40% | 17 | 4 | 24% | 0 | 0 | 0 | 0.0 | 38% |
| 71 | NEW BEDFORD | 26 | 4,844 | 3,627 | 75% | 7,945 | 4,858 | 61% | 16 | 2 | 18 | 3.7 | 66% |
| 72 | NEW BRAINTREE | 9 | 55 | 12 | 22% | 91 | 18 | 20% | 0 | 0 | 0 | 0.0 | 37% |
| 73 | NEW MARLBOROUGH | 1 | 52 | 20 | 38% | 85 | 23 | 27% | 0 | 0 | 0 | 0.0 | 53% |
| 74 | NEW SALEM | 2 | 42 | 12 | 29% | 69 | 15 | 22% | 0 | 0 | 0 | 0.0 | 42% |
| 75 | NEWBURY | 12 | 294 | 158 | 54% | 483 | 208 | 43% | 0 | 0 | 0 | 0.0 | 35% |
| 76 | NEWBURYPORT | 12 | 614 | 298 | 49% | 1,007 | 415 | 41% | 0 | 1 | 1 | 2.4 | 64% |
| 77 | NEWTON | 18 | 2,825 | 2,294 | 81% | 4,633 | 2,838 | 61% | 6 | 2 | 8 | 2.8 | 68% |
| 78 | NORFOLK | 7 | 534 | 379 | 71% | 876 | 500 | 57% | 0 | 0 | 0 | 0.0 | 19% |
| 79 | NORTH ADAMS | 1 | 669 | 512 | 77% | 1,098 | 718 | 65% | 1 | 1 | 2 | 2.8 | 68% |
| 80 | NORTH ANDOVER | 11 | 1,086 | 665 | 61% | 1,782 | 868 | 49% | 0 | 0 | 0 | 0.0 | 26% |

# Massachusetts Lead Poisoning Needs Assessment by Community

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | COMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 11 | NORTH ATTLEBORO | 24 | 1,358 | 946 | 70% | 2,227 | 1,242 | 56% | 1 | 0 | 1 | 0.8 | 33% |
| 12 | NORTH BROOKFIELD | 5 | 284 | 98 | 35% | 467 | 143 | 31% | 0 | 0 | 0 | 0.0 | 50% |
| 13 | NORTH READING | 16 | 607 | 433 | 71% | 996 | 550 | 55% | 0 | 0 | 0 | 0.0 | 24% |
| 14 | NORTHAMPTON | 3 | 902 | 611 | 68% | 1,480 | 789 | 53% | 0 | 0 | 0 | 0.0 | 56% |
| 15 | NORTHBOROUGH | 7 | 620 | 395 | 64% | 1,017 | 506 | 50% | 0 | 0 | 0 | 0.0 | 20% |
| 16 | NORTHBRIDGE | 6 | 697 | 306 | 44% | 1,144 | 360 | 31% | 1 | 3 | 4 | 11.1 | 56% |
| 17 | NORTHFIELD | 2 | 136 | 64 | 47% | 224 | 78 | 35% | 1 | 0 | 1 | 12.8 | 59% |
| 18 | NORTON | 24 | 790 | 746 | 94% | 1,296 | 956 | 74% | 0 | 0 | 0 | 0.0 | 25% |
| 19 | NORWELL | 20 | 391 | 305 | 78% | 642 | 386 | 60% | 0 | 0 | 0 | 0.0 | 25% |
| 20 | NORWOOD | 20 | 1,095 | 799 | 73% | 1,796 | 1,053 | 59% | 1 | 1 | 2 | 1.9 | 37% |
| 21 | OAK BLUFFS | 27 | 136 | 39 | 29% | 224 | 54 | 24% | 0 | 0 | 0 | 0.0 | 40% |
| 22 | OAKHAM | 9 | 97 | 33 | 34% | 159 | 40 | 25% | 0 | 0 | 0 | 0.0 | 21% |
| 23 | ORANGE | 2 | 433 | 147 | 34% | 710 | 219 | 31% | 2 | 1 | 3 | 13.7 | 51% |
| 24 | ORLEANS | 27 | 165 | 22 | 13% | 271 | 29 | 11% | 0 | 0 | 0 | 0.0 | 21% |
| 25 | OTIS | 1 | 55 | 87 | 158% | 91 | 110 | 121% | 0 | 0 | 0 | 0.0 | 44% |
| 26 | OXFORD | 5 | 670 | 309 | 46% | 1,100 | 400 | 36% | 0 | 0 | 0 | 0.0 | 27% |
| 27 | PALMER | 4 | 542 | 227 | 42% | 889 | 308 | 35% | 0 | 0 | 0 | 0.0 | 46% |
| 28 | PAXTON | 8 | 185 | 55 | 30% | 303 | 76 | 25% | 0 | 0 | 0 | 0.0 | 22% |
| 29 | PEABODY | 14 | 2,018 | 1,703 | 84% | 3,310 | 2,237 | 68% | 0 | 1 | 1 | 0.4 | 35% |
| | PELHAM | 3 | 55 | 45 | 82% | 90 | 54 | 60% | 0 | 0 | 0 | 0.0 | 31% |
| | PEMBROKE | 23 | 876 | 605 | 69% | 1,438 | 755 | 53% | 1 | 0 | 1 | 1.3 | 20% |
| | PEPPERELL | 9 | 647 | 238 | 37% | 1,062 | 346 | 33% | 1 | 0 | 1 | 2.9 | 23% |
| | PERU | 1 | 65 | 15 | 23% | 106 | 18 | 17% | 0 | 0 | 0 | 0.0 | 22% |
| | PETERSHAM | 2 | 45 | 32 | 71% | 74 | 42 | 57% | 0 | 0 | 0 | 0.0 | 71% |
| | PHILLIPSTON | 2 | 87 | 23 | 26% | 141 | 36 | 26% | 0 | 0 | 0 | 0.0 | 34% |
| | PITTSFIELD | 1 | 2,088 | 1,791 | 86% | 3,425 | 2,223 | 65% | 5 | 3 | 8 | 3.6 | 61% |
| | PLAINFIELD | 3 | 25 | 23 | 92% | 41 | 29 | 71% | 0 | 0 | 0 | 0.0 | 41% |
| | PLAINVILLE | 7 | 349 | 295 | 85% | 574 | 368 | 64% | 1 | 0 | 1 | 2.7 | 26% |
| | PLYMOUTH | 23 | 2,547 | 1,406 | 55% | 4,177 | 1,831 | 44% | 0 | 0 | 0 | 0.0 | 24% |
| | PLYMPTON | 23 | 123 | 76 | 62% | 202 | 92 | 46% | 0 | 0 | 0 | 0.0 | 28% |

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 41 | PRINCETON | 9 | 165 | 96 | 58% | 271 | 117 | 43% | 0 | 0 | 0 | 0.0 | 29% |
| 42 | PROVINCETOWN | 27 | 90 | 17 | 19% | 147 | 23 | 16% | 0 | 0 | 0 | 0.0 | 68% |
| 43 | QUINCY | 20 | 3,212 | 2,336 | 73% | 5,269 | 3,124 | 59% | 6 | 2 | 8 | 2.6 | 57% |
| 44 | RANDOLPH | 20 | 1,348 | 908 | 67% | 2,211 | 1,180 | 53% | 0 | 1 | 1 | 0.8 | 20% |
| 45 | RAYNHAM | 24 | 404 | 344 | 85% | 663 | 440 | 66% | 1 | 0 | 1 | 2.3 | 18% |
| 46 | READING | 16 | 998 | 659 | 66% | 1,637 | 822 | 50% | 0 | 0 | 0 | 0.0 | 44% |
| 47 | REHOBOTH | 24 | 371 | 202 | 54% | 609 | 278 | 46% | 1 | 0 | 1 | 3.6 | 33% |
| 48 | REVERE | 19 | 1,803 | 1,416 | 79% | 2,958 | 2,035 | 69% | 5 | 5 | 10 | 4.9 | 44% |
| 49 | RICHMOND | 1 | 58 | 28 | 48% | 95 | 37 | 39% | 0 | 0 | 0 | 0.0 | 30% |
| 50 | ROCHESTER | 26 | 181 | 140 | 77% | 298 | 185 | 62% | 0 | 0 | 0 | 0.0 | 20% |
| 51 | ROCKLAND | 23 | 888 | 679 | 76% | 1,457 | 853 | 59% | 0 | 2 | 2 | 2.3 | 41% |
| 52 | ROCKPORT | 13 | 300 | 198 | 66% | 491 | 238 | 48% | 0 | 0 | 0 | 0.0 | 55% |
| 53 | ROWE | 2 | 13 | 8 | 62% | 22 | 10 | 45% | 0 | 0 | 0 | 0.0 | 47% |
| 54 | ROWLEY | 12 | 278 | 198 | 71% | 455 | 240 | 53% | 0 | 0 | 0 | 0.0 | 31% |
| 55 | ROYALSTON | 2 | 75 | 21 | 28% | 123 | 27 | 22% | 0 | 0 | 0 | 0.0 | 50% |
| 56 | RUSSELL | 4 | 77 | 44 | 57% | 126 | 61 | 48% | 0 | 0 | 0 | 0.0 | 43% |
| 57 | RUTLAND | 9 | 278 | 161 | 58% | 455 | 201 | 44% | 0 | 0 | 0 | 0.0 | 28% |
| 58 | SALEM | 14 | 1,590 | 1,614 | 102% | 2,609 | 2,243 | 86% | 3 | 2 | 5 | 2.2 | 64% |
| 59 | SALISBURY | 12 | 353 | 110 | 31% | 579 | 165 | 28% | 0 | 0 | 0 | 0.0 | 41% |
| 60 | SANDISFIELD | 1 | 30 | 15 | 50% | 50 | 17 | 34% | 0 | 0 | 0 | 0.0 | 52% |
| 61 | SANDWICH | 27 | 953 | 541 | 57% | 1,565 | 715 | 46% | 0 | 0 | 0 | 0.0 | 12% |
| 62 | SAUGUS | 14 | 963 | 622 | 65% | 1,580 | 818 | 52% | 1 | 2 | 3 | 3.7 | 43% |
| 63 | SAVOY | 1 | 32 | 32 | 100% | 52 | 36 | 69% | 0 | 0 | 0 | 0.0 | 33% |
| 64 | SCITUATE | 20 | 760 | 564 | 74% | 1,246 | 736 | 59% | 0 | 1 | 1 | 1.4 | 42% |
| 65 | SEEKONK | 24 | 530 | 251 | 47% | 870 | 357 | 41% | 2 | 0 | 2 | 5.6 | 28% |
| 66 | SHARON | 20 | 805 | 542 | 67% | 1,320 | 688 | 52% | 0 | 0 | 0 | 0.0 | 25% |
| 67 | SHEFFIELD | 1 | 116 | 79 | 68% | 191 | 92 | 48% | 0 | 2 | 2 | 21.7 | 47% |
| 68 | SHELBURNE | 2 | 90 | 72 | 80% | 148 | 86 | 58% | 0 | 0 | 0 | 0.0 | 65% |
| 69 | SHERBORN | 7 | 171 | 121 | 71% | 280 | 148 | 53% | 0 | 0 | 0 | 0.0 | 25% |
| 70 | SHIRLEY | 9 | 318 | 137 | 43% | 521 | 176 | 34% | 1 | 0 | 1 | 5.7 | 30% |

# Massachusetts Lead Poisoning Needs Assessment by Community

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| SHREWSBURY | 8 | 1,058 | 766 | 72% | 1,736 | 979 | 56% | 0 | 1 | 1 | 1.0 | 25% |
| SHUTESBURY | 2 | 88 | 30 | 34% | 145 | 37 | 26% | 0 | 0 | 0 | 0.0 | 22% |
| SOMERSET | 25 | 539 | 365 | 68% | 884 | 537 | 61% | 1 | 0 | 1 | 1.9 | 39% |
| SOMERVILLE | 17 | 2,427 | 2,123 | 87% | 3,982 | 3,071 | 77% | 4 | 7 | 11 | 3.6 | 79% |
| SOUTH HADLEY | 3 | 611 | 192 | 31% | 1,002 | 251 | 25% | 0 | 0 | 0 | 0.0 | 40% |
| SOUTHAMPTON | 3 | 195 | 136 | 70% | 320 | 176 | 55% | 0 | 0 | 0 | 0.0 | 24% |
| SOUTHBOROUGH | 7 | 330 | 278 | 84% | 541 | 313 | 58% | 0 | 0 | 0 | 0.0 | 27% |
| SOUTHBRIDGE | 5 | 824 | 538 | 65% | 1,352 | 795 | 59% | 2 | 0 | 2 | 2.5 | 57% |
| SOUTHWICK | 4 | 378 | 184 | 49% | 619 | 225 | 36% | 0 | 0 | 0 | 0.0 | 27% |
| SPENCER | 5 | 614 | 249 | 41% | 1,007 | 345 | 34% | 2 | 0 | 2 | 5.8 | 44% |
| SPRINGFIELD | 4 | 8,532 | 4,484 | 53% | 13,995 | 6,429 | 46% | 25 | 18 | 43 | 6.7 | 52% |
| STERLING | 9 | 351 | 247 | 70% | 576 | 340 | 59% | 0 | 0 | 0 | 0.0 | 28% |
| STOCKBRIDGE | 1 | 64 | 25 | 39% | 103 | 33 | 32% | 0 | 0 | 0 | 0.0 | 57% |
| STONEHAM | 16 | 882 | 495 | 56% | 1,446 | 641 | 44% | 1 | 0 | 1 | 1.6 | 35% |
| STOUGHTON | 22 | 1,180 | 779 | 66% | 1,935 | 994 | 51% | 0 | 0 | 0 | 0.0 | 24% |
| STOW | 7 | 268 | 159 | 59% | 439 | 199 | 45% | 0 | 0 | 0 | 0.0 | 29% |
| STURBRIDGE | 5 | 436 | 213 | 49% | 715 | 306 | 43% | 0 | 1 | 1 | 3.3 | 26% |
| SUDBURY | 7 | 682 | 585 | 86% | 1,120 | 706 | 63% | 0 | 0 | 0 | 0.0 | 14% |
| SUNDERLAND | 2 | 158 | 53 | 34% | 260 | 76 | 29% | 0 | 0 | 0 | 0.0 | 21% |
| SUTTON | 6 | 388 | 225 | 58% | 637 | 284 | 45% | 0 | 0 | 0 | 0.0 | 32% |
| SWAMPSCOTT | 14 | 511 | 520 | 102% | 838 | 720 | 86% | 2 | 1 | 3 | 4.2 | 60% |
| SWANSEA | 25 | 556 | 357 | 64% | 913 | 524 | 57% | 0 | 0 | 0 | 0.0 | 39% |
| TAUNTON | 24 | 2,554 | 1,859 | 73% | 4,189 | 2,541 | 61% | 2 | 2 | 4 | 1.6 | 49% |
| TEMPLETON | 9 | 321 | 184 | 57% | 527 | 236 | 45% | 0 | 0 | 0 | 0.0 | 48% |
| TEWKSBURY | 10 | 1,432 | 865 | 60% | 2,350 | 1,171 | 50% | 0 | 0 | 0 | 0.0 | 16% |
| TISBURY | 27 | 149 | 36 | 24% | 246 | 50 | 20% | 0 | 0 | 0 | 0.0 | 45% |
| TOLLAND | 4 | 13 | 5 | 38% | 22 | 5 | 23% | 0 | 0 | 0 | 0.0 | 18% |
| TOPSFIELD | 13 | 230 | 220 | 96% | 376 | 284 | 76% | 0 | 0 | 0 | 0.0 | 23% |
| TOWNSEND | 9 | 511 | 208 | 41% | 839 | 266 | 32% | 0 | 0 | 0 | 0.0 | 31% |
| TRURO | 27 | 58 | 7 | 12% | 95 | 14 | 15% | 0 | 0 | 0 | 0.0 | 36% |

# Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| TYNGSBOROUGH | 10 | 588 | 226 | 38% | 963 | 309 | 32% | 0 | 0 | 0 | 0.0 | 20% |
| TYRINGHAM | 1 | 16 | 3 | 19% | 27 | 4 | 15% | 0 | 0 | 0 | 0.0 | 46% |
| UPTON | 6 | 213 | 251 | 118% | 350 | 288 | 82% | 0 | 1 | 1 | 3.5 | 40% |
| UXBRIDGE | 6 | 598 | 244 | 41% | 980 | 297 | 30% | 0 | 0 | 0 | 0.0 | 48% |
| WAKEFIELD | 16 | 1,112 | 600 | 54% | 1,823 | 741 | 41% | 0 | 0 | 0 | 0.0 | 56% |
| WALES | 5 | 91 | 39 | 43% | 150 | 51 | 34% | 0 | 0 | 0 | 0.0 | 27% |
| WALPOLE | 7 | 977 | 725 | 74% | 1,603 | 973 | 61% | 0 | 1 | 1 | 1.0 | 33% |
| WALTHAM | 18 | 1,858 | 1,367 | 74% | 3,049 | 1,802 | 59% | 3 | 2 | 5 | 2.8 | 49% |
| WARE | 3 | 495 | 146 | 29% | 813 | 206 | 25% | 1 | 0 | 1 | 4.9 | 43% |
| WAREHAM | 26 | 1,102 | 591 | 54% | 1,807 | 796 | 44% | 0 | 0 | 0 | 0.0 | 33% |
| WARREN | 5 | 261 | 78 | 30% | 429 | 125 | 29% | 0 | 1 | 1 | 8.0 | 55% |
| WARWICK | 2 | 32 | 18 | 56% | 52 | 28 | 54% | 0 | 0 | 0 | 0.0 | 43% |
| WASHINGTON | 1 | 23 | 19 | 83% | 38 | 23 | 61% | 0 | 0 | 0 | 0.0 | 25% |
| WATERTOWN | 17 | 1,005 | 681 | 68% | 1,648 | 865 | 52% | 2 | 1 | 3 | 3.5 | 64% |
| WAYLAND | 7 | 520 | 450 | 87% | 854 | 536 | 63% | 0 | 0 | 0 | 0.0 | 30% |
| WEBSTER | 5 | 875 | 329 | 38% | 1,435 | 448 | 31% | 0 | 1 | 1 | 2.2 | 49% |
| WELLESLEY | 18 | 990 | 987 | 100% | 1,624 | 1,146 | 71% | 1 | 0 | 1 | 0.9 | 59% |
| WELLFLEET | 27 | 110 | 21 | 19% | 179 | 24 | 13% | 1 | 0 | 1 | 41.7 | 29% |
| WENDELL | 2 | 33 | 19 | 58% | 56 | 22 | 39% | 0 | 0 | 0 | 0.0 | 24% |
| WENHAM | 13 | 142 | 123 | 87% | 232 | 163 | 70% | 0 | 0 | 0 | 0.0 | 35% |
| WEST BOYLSTON | 8 | 238 | 138 | 58% | 390 | 175 | 45% | 0 | 0 | 0 | 0.0 | 32% |
| WEST BRIDGEWATER | 22 | 268 | 198 | 74% | 439 | 231 | 53% | 1 | 0 | 1 | 4.3 | 42% |
| WEST BROOKFIELD | 5 | 185 | 58 | 31% | 303 | 86 | 28% | 0 | 0 | 0 | 0.0 | 41% |
| WEST NEWBURY | 12 | 168 | 94 | 56% | 276 | 122 | 44% | 0 | 0 | 0 | 0.0 | 39% |
| WEST SPRINGFIELD | 4 | 1,121 | 564 | 50% | 1,839 | 729 | 40% | 2 | 0 | 2 | 2.7 | 43% |
| WEST STOCKBRIDGE | 1 | 67 | 35 | 52% | 110 | 42 | 38% | 0 | 0 | 0 | 0.0 | 42% |
| WEST TISBURY | 27 | 101 | 10 | 10% | 166 | 16 | 10% | 0 | 0 | 0 | 0.0 | 19% |
| WESTBOROUGH | 7 | 611 | 489 | 80% | 1,002 | 591 | 59% | 2 | 1 | 3 | 5.1 | 22% |
| WESTFIELD | 3.21 | 1,680 | 1,025 | 61% | 2,756 | 1,329 | 48% | 4 | 1 | 5 | 3.8 | 37% |
| WESTFORD | 10 | 938 | 484 | 52% | 1,538 | 609 | 40% | 1 | 0 | 1 | 1.6 | 25% |

# Massachusetts Lead Poisoning Needs Assessment by Community

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OMMUNITY | CHNA | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| WESTHAMPTON | 3 | 75 | 32 | 43% | 124 | 41 | 33% | 0 | 0 | 0 | 0.0 | 37% |
| WESTMINSTER | 9 | 304 | 146 | 48% | 500 | 191 | 38% | 0 | 0 | 0 | 0.0 | 32% |
| WESTON | 18 | 355 | 346 | 97% | 581 | 410 | 71% | 0 | 0 | 0 | 0.0 | 35% |
| WESTPORT | 25 | 484 | 379 | 78% | 794 | 545 | 69% | 1 | 0 | 1 | 1.8 | 33% |
| WESTWOOD | 18 | 546 | 437 | 80% | 895 | 529 | 59% | 0 | 0 | 0 | 0.0 | 36% |
| WEYMOUTH | 20 | 2,330 | 1,750 | 75% | 3,823 | 2,198 | 57% | 0 | 2 | 2 | 0.9 | 40% |
| WHATELY | 2 | 55 | 24 | 44% | 89 | 34 | 38% | 0 | 0 | 0 | 0.0 | 46% |
| WHITMAN | 22 | 701 | 517 | 74% | 1,150 | 640 | 56% | 0 | 1 | 1 | 1.6 | 54% |
| WILBRAHAM | 4 | 462 | 230 | 50% | 758 | 303 | 40% | 0 | 0 | 0 | 0.0 | 20% |
| WILLIAMSBURG | 3 | 117 | 95 | 81% | 192 | 115 | 60% | 0 | 0 | 0 | 0.0 | 61% |
| WILLIAMSTOWN | 1 | 191 | 108 | 57% | 314 | 152 | 48% | 0 | 0 | 0 | 0.0 | 45% |
| WILMINGTON | 15 | 940 | 740 | 79% | 1,542 | 940 | 61% | 0 | 0 | 0 | 0.0 | 29% |
| WINCHENDON | 9 | 620 | 202 | 33% | 1,017 | 302 | 30% | 0 | 0 | 0 | 0.0 | 50% |
| WINCHESTER | 15 | 835 | 664 | 80% | 1,370 | 851 | 62% | 1 | 0 | 1 | 1.2 | 55% |
| WINDSOR | 1 | 52 | 30 | 58% | 84 | 39 | 46% | 1 | 0 | 1 | 25.6 | 28% |
| WINTHROP | 19 | 599 | 531 | 89% | 983 | 803 | 82% | 2 | 1 | 3 | 3.7 | 63% |
| WOBURN | 15 | 1,612 | 992 | 62% | 2,644 | 1,248 | 47% | 0 | 1 | 1 | 0.8 | 36% |
| WORCESTER | 8 | 7,915 | 4,658 | 59% | 12,983 | 6,235 | 48% | 19 | 20 | 39 | 6.3 | 58% |
| WORTHINGTON | 3 | 55 | 27 | 49% | 90 | 29 | 32% | 0 | 0 | 0 | 0.0 | 49% |
| WRENTHAM | 7 | 495 | 423 | 85% | 813 | 539 | 66% | 0 | 0 | 0 | 0.0 | 30% |
| YARMOUTH | 27 | 820 | 209 | 25% | 1,346 | 267 | 20% | 1 | 2 | 3 | 11.2 | 14% |
| Estimated number of MA children screened with no recorded address | | | 13,000 | | | 16,000 | | 1 | 1 | 2 | | |
| Total for Massachusetts | | 272,396 | 195,684 | 72% | 482,282 | 259,000 | 58% | 492 | 331 | 823 | 3.2 | 47% |

# Massachusetts Lead Poisoning Needs Assessment by Community Health Network Areas (CHNA)

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| | | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CHNA | | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 1 | Berkshire County | 5,670 | 4,284 | 76% | 9,306 | 5,428 | 58% | 10 | 11 | 21 | 3.9 | 54% |
| 2 | Greater Franklin/North Quabbin Area | 4,195 | 1,771 | 42% | 6,884 | 2,298 | 33% | 8 | 2 | 10 | 4.4 | 52% |
| 3 | Greater Northampton Area | 5,240 | 2,561 | 49% | 8,599 | 3,349 | 39% | 1 | 0 | 1 | 0.3 | 40% |
| 21 | Greater Holyoke Area | 7,496 | 4,158 | 55% | 12,300 | 5,878 | 48% | 22 | 13 | 35 | 6.0 | 44% |
| 4 | Greater Springfield Area | 13,992 | 7,369 | 53% | 22,952 | 10,163 | 44% | 28 | 19 | 47 | 4.6 | 43% |
| 5 | Greater Southbridge Area | 5,981 | 2,673 | 45% | 9,816 | 3,797 | 39% | 5 | 3 | 8 | 2.1 | 40% |
| 6 | Greater Milford Area | 7,508 | 4,756 | 63% | 12,317 | 5,719 | 46% | 3 | 7 | 10 | 1.7 | 37% |
| 7 | Greater Framingham Area | 15,863 | 11,275 | 71% | 26,031 | 14,052 | 54% | 10 | 8 | 18 | 1.3 | 28% |
| 8 | Greater Worcester Area | 12,512 | 7,317 | 58% | 20,524 | 9,654 | 47% | 21 | 23 | 44 | 4.6 | 49% |
| 9 | Fitchburg/Gardner Area | 13,004 | 6,621 | 51% | 21,338 | 8,690 | 41% | 19 | 8 | 27 | 3.1 | 44% |
| 10 | Greater Lowell Area | 13,488 | 7,488 | 56% | 22,127 | 10,552 | 48% | 24 | 16 | 40 | 3.8 | 35% |
| 11 | Greater Lawrence Area | 9,007 | 5,206 | 58% | 14,777 | 7,608 | 51% | 39 | 37 | 76 | 10.0 | 44% |
| 12 | Greater Haverhill Area | 6,752 | 3,862 | 57% | 11,074 | 5,218 | 47% | 18 | 10 | 28 | 5.4 | 49% |
| 13 | Beverly/Gloucester Area | 4,925 | 4,405 | 89% | 8,075 | 5,413 | 67% | 7 | 1 | 8 | 1.5 | 52% |
| 14 | North Shore Area | 11,640 | 10,530 | 90% | 19,094 | 14,328 | 75% | 21 | 17 | 38 | 2.7 | 53% |
| 15 | Greater Woburn/Concord/Littleton Area | 8,501 | 5,608 | 66% | 13,951 | 7,208 | 52% | 1 | 3 | 4 | 0.6 | 29% |
| 16 | Malden/Medford/Melrose Area | 10,583 | 6,927 | 65% | 17,357 | 9,330 | 54% | 16 | 9 | 25 | 2.7 | 60% |
| 17 | Somervill/Cambridge Area | 8,871 | 6,569 | 74% | 14,553 | 8,908 | 61% | 16 | 16 | 32 | 3.6 | 71% |
| 18 | Newton/Waltham West Suburban Area | 8,976 | 7,213 | 80% | 14,723 | 8,851 | 60% | 12 | 6 | 18 | 2.0 | 54% |
| 19 | Alliance for Community Health Area | 28,038 | 24,848 | 89% | 45,993 | 34,520 | 75% | 116 | 84 | 200 | 5.8 | 66% |
| 20 | Blue Hills Area | 14,826 | 10,543 | 71% | 24,322 | 13,567 | 56% | 11 | 9 | 20 | 1.5 | 45% |
| 22 | Greater Brockton Area | 10,862 | 7,970 | 73% | 17,818 | 10,429 | 59% | 29 | 15 | 44 | 4.2 | 39% |
| 23 | Greater Plymouth South Shore Area | 8,721 | 5,922 | 68% | 14,306 | 7,497 | 52% | 3 | 2 | 5 | 0.7 | 26% |

## [illegible] by Community Health Network Areas (CHNA)

### Fiscal Year 1997: July 01, 1996 - June 30, 1997

| CHNA | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 24 Greater Attleboro/Taunton Area | 11,250 | 8,400 | 75% | 18,455 | 10,991 | 60% | 14 | 5 | 19 | 1.7 | 37% |
| 25 Greater Fall River Area | 6,184 | 4,184 | 68% | 10,144 | 6,004 | 59% | 9 | 1 | 10 | 1.7 | 57% |
| 26 Greater New Bedford Area | 8,798 | 6,260 | 71% | 14,433 | 8,394 | 58% | 22 | 2 | 24 | 2.9 | 51% |
| 27 Cape/Islands Area | 9,513 | 3,964 | 42% | 15,607 | 5,154 | 33% | 6 | 3 | 9 | 1.7 | 22% |
| Estimated number of MA children screened with no recorded address | | 13,000 | | | 16,000 | | 1 | 1 | 2 | | |
| Total for Massachusetts | 272,396 | 195,684 | 72% | 446,876 | 259,000 | 58% | 492 | 331 | 823 | 3.2 | 47% |

## Fiscal Year 1997: July 01, 1996 - June 30, 1997

| EOHHS REGION | CHILDREN [9-48] MONTHS | | | CHILDREN [6-72] MONTHS | | | ELEVATED LEVELS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pop. | Screened | (%) | Pop. | Screened | (%) | 20-24 | ≥ 25 | Total ≥ 20 | Inc. Rate x1000 | % Old Houses |
| 1 Western Massachusetts | 36,593 | 20,143 | 55% | 60,041 | 27,116 | 45% | 69 | 45 | 114 | 4.2 | 46% |
| 2 Central Massachusetts | 39,005 | 21,367 | 55% | 63,995 | 27,860 | 44% | 48 | 41 | 89 | 3.2 | 44% |
| 3 Northeast Massachusetts | 56,395 | 38,418 | 68% | 92,504 | 52,449 | 57% | 125 | 90 | 215 | 4.1 | 49% |
| 4 Metrowest Region | 57,037 | 41,208 | 72% | 93,580 | 52,586 | 56% | 50 | 42 | 92 | 1.7 | 46% |
| 5 Southeast Region | 55,328 | 36,700 | 66% | 90,763 | 48,469 | 53% | 83 | 28 | 111 | 2.3 | 36% |
| 6 Boston Region | 28,038 | 24,848 | 89% | 45,993 | 34,520 | 75% | 116 | 84 | 200 | 5.8 | 66% |
| Estimated number of MA children screened with no recorded address | | 13,000 | | | 16,000 | | 1 | 1 | 2 | | |
| Total for Massachusetts | 272,396 | 195,684 | 72% | 446,876 | 259,000 | 58% | 492 | 331 | 823 | 3.2 | 47% |